

201

2.2/3

p 82 1, 7, 11-15, 19, 20

1. Convex

2. If 2 \angle s are complementary, then they add to 90° .CONVERSE: If 2 \angle s add to 90° , then they are complementary.INVERSE: If 2 \angle s are not complementary, then they do not add to 90° .CONTRADICTION: If 2 \angle s do not add to 90° , then they are not complementary.

11. False



12. True

13. False $m\angle ABC = 100^\circ$ $m\angle GEF = 80^\circ$

14. True

15. False 85

19. An angle is obtuse iff its measure is b/w 90° & 180° .20. Two \angle s are a linear pair iff they are adjacent angles whose noncommon sides are opposite rays.

p 90 4, 5, 7, 9, 12, 13, 15

4. $\angle A$ is a right angle5. $-15 < -12$ 7. If a rectangle has 4 \equiv side lengths, then it is a regular polygon.

9. If you play the clarinet, then you are a musician.

13. Don't have to be adjacent

15. It works If a creature does not have a pouch, then it is not a wombat.